



ABSTRACT OF THE DISCLOSURE

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A TV observation system for an endoscope including an endoscope and a small-sized light source unit. The endoscope can be structurally separated into an insertion part and a proximal holding part continuously extending from the insertion part. The endoscope can include a light guide arranged from a distal end of the insertion part through the proximal holding part. The proximal holding part can be provided with a light guide joint section where an entrance end face of the light guide is fixed. The small-sized light source unit can be constructed and arranged to be removably connected with the light guide joint section. The small-sized light source unit can include a plurality of small-sized LEDs, a battery configured to power the plurality of LEDs, and a compounding optical system configured to compound light emitted by the plurality of small-sized LEDs.

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